

### CLAIMS

I claim:

1. A multi-purpose framing square comprising:

an elongate blade having a T-shaped slot therethrough, said T-shaped slot having a base, said T-shaped slot having an L-shape at the base of said T-shaped slot;

a handle having two opposite ends, a bottom end and a top end, said handle top end having a handle thumbscrew hole therethrough, said handle being boltably attached through said handle thumbscrew hole to said blade through said blade T-shaped slot, said handle bottom end having a handle support pin bore therein, said handle having a handle cavity through which said blade can move; and

a handle support pin detachably connectable to said handle, said handle support pin disposable within said handle support pin bore.

2. The multi-purpose framing square of claim 1 further comprising:

a handle thumbscrew detachably connectable to said handle, said handle thumbscrew disposed within said handle thumbscrew hole, said handle thumbscrew disposed within said blade T-shaped slot.

3. The multi-purpose framing square of claim 1 further comprising:

a blade thumbscrew clamp detachably connectable to said blade, said blade thumbscrew clamp disposed within said blade T-shaped slot.

4. The multi-purpose framing square of claim 1 further comprising:

wherein said handle top end having a handle lock pin hole therethrough;  
wherein said blade having a blade angular lock pin hole therethrough; and  
a lock pin detachably disposed within said handle lock pin hole, said lock pin  
detachably disposed within said blade angular lock pin hole.

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5. The multi-purpose framing square of claim 1 wherein:  
said handle having four finger grip recesses therein.

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6. The multi-purpose framing square of claim 1 further comprising:  
a horizontal bubble level connected to said handle.

7. The multi-purpose framing square of claim 1 further comprising:  
a vertical bubble level connected to said handle.

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8. The multi-purpose framing square of claim 1 wherein:  
said blade having dimension indicia thereupon.

9. The multi-purpose framing square of claim 1 wherein:  
said blade having angular indicia thereupon.

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10. The multi-purpose framing square of claim 1 wherein:  
said blade is beveled adjacent to said blade T-shaped slot.
11. The multi-purpose framing square of claim 1 further comprising:

an angle plate disposed between said handle and said blade, said angle plate having an angle plate tang which is slidably disposed within said blade T-shaped slot.

5           12.    A multi-purpose framing square comprising:

          an elongate blade having a T-shaped slot therethrough, said T-shaped slot having a base, said T-shaped slot having an L-shape at the base of said T-shaped slot;

10           a handle having two opposite ends, a bottom end and a top end, said handle top end having a handle thumbscrew hole therethrough, said handle being boltably attached through said handle thumbscrew hole to said blade through said blade T-shaped slot, said handle bottom end having a handle support pin bore therein, said handle having a handle cavity through which said blade can move;

15           a handle support pin detachably connectable to said handle, said handle support pin disposable within said handle support pin bore;

          a handle thumbscrew detachably connectable to said handle, said handle thumbscrew disposed within said handle thumbscrew hole, said handle thumbscrew disposed within said blade T-shaped slot; and

          a blade thumbscrew clamp detachably connectable to said blade, said blade

a lock pin detachably disposed within said handle lock pin hole, said lock pin detachably disposed within said blade angular lock pin hole.

14. The multi-purpose framing square of claim 13 wherein:

5                   said handle having four finger grip recesses therein.

15. The multi-purpose framing square of claim 14 further comprising:

a horizontal bubble level connected to said handle; and

a vertical bubble level connected to said handle.

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16. The multi-purpose framing square of claim 15 wherein:

said blade having dimension indicia thereupon.

17. The multi-purpose framing square of claim 16 wherein:

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said blade having angular indicia thereupon.

18. The multi-purpose framing square of claim 17 wherein:

said blade is beveled adjacent to said blade T-shaped slot.

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19. The multi-purpose framing square of claim 18 further comprising:

an angle plate disposed between said handle and said blade, said angle plate having an angle plate tang which is slidably disposed within said blade T-shaped slot.

20. A multi-purpose framing square comprising:

an elongate blade having a T-shaped slot therethrough, said T-shaped slot having a base, said T-shaped slot having an L-shape at the base of said T-shaped slot, said blade having a blade angular lock pin hole therethrough, said blade having  
5 dimension indicia thereupon, said blade having angular indicia thereupon, said blade is beveled adjacent to said blade T-shaped slot;

a handle having two opposite ends, a bottom end and a top end, said handle top end having a handle thumbscrew hole therethrough, said handle being boltably attached through said handle thumbscrew hole to said blade through said blade T-  
10 shaped slot, said handle bottom end having a handle support pin bore therein, said handle having a handle cavity through which said blade can move, said handle top end having a handle lock pin hole therethrough, said handle having four finger grip recesses therein;

a handle support pin detachably connectable to said handle, said handle  
15 support pin disposable within said handle support pin bore;

a handle thumbscrew detachably connectable to said handle, said handle thumbscrew disposed within said handle thumbscrew hole, said handle thumbscrew disposed within said blade T-shaped slot;

a blade thumbscrew clamp detachably connectable to said blade, said blade  
20 thumbscrew clamp disposed within said blade T-shaped slot;

a lock pin detachably disposed within said handle lock pin hole, said lock pin detachably disposed within said blade angular lock pin hole;

a horizontal bubble level connected to said handle; and

a vertical bubble level connected to said handle.